Single sided ID CARD PRINTER

SMART-50S

Feel the precise printer solution from the **SMART-50 Series**

COLOR | MONO | UV / U V

IDP

Single Sided Mid-Range ID Card Printer

Fast, Quiet with User Friendly LCD

Flexible, Upgradeable & Reliable

FINE™ Imaging Technology

Low Cost of Operation

3-Year Warranty

Ideal solution to print any kind of single-sided ID cards!

IDP's SMART-50S printer produces full-color or monochrome cards in only seconds and it is the ideal solution to print ID cards on demand or in batches.

The SMART-50S offers a wide range of optional features including magnetic encoder, contact and contactless smart card encoders making it ideal for many applications in a variety of environments.

For Single-sided printing of ID Cards:

Employee ID cards
Student ID cards
Payment cards
Health cards
Leisure resort pass cards
Identification cards
Transport pass cards
Loyalty cards
Event cards

FEATURES

- Color & Mono Single Side Printing
- Print Speed: 22 sec./card (YMCKO)
- 300dpi with Edge-to-Edge Printing
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Advanced Cleaning Roller
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless, SIM
- Upgradeable Modules: Flipper, Laminator & Ethernet

ISSUANCE

SMART Applications ensure proper card issuance and data management with SMART series printers at no extra cost.

SMART Design
- Design and Print (Images, Photos, Texts, etc.)
- 1D & 2D Barcode printing
- Auto portrait
  (Auto face detection & adjustment of size & position)

SMART DB
- Convenient issuance of cards and data management
- Supports ODBC (Open Database Connectivity)
- Magnetic stripe (MS), contact & contactless smart card encoding
  by using plug-in program

SECURITY

SMART series provides effective security features for access control and data encryption.

SMART series has a password verification function to provide administrator and user authentications.

SMART series can set a specific authorized PC for encoding and printing cards.

SMART series can encrypt data transmitted on USB and can support SSL (Secure Socket Layer) protocol on ethernet communications.

NETWORKING

SMART series can utilize the network printer server for encoding and printing cards.

SMART Ethernet module can not only print cards but also encode MS, contact and contactless smart card through the network.

SMART Ethernet module has OCP(Open Card Print)protocol which can encode and print cards by using commands on multiple platforms without installing the printer driver.

Available encoding for contact & contactless smart cards by Ethernet.

Specifications

PRINTING

• Print Type	Dye-Sublimation
• Print Area	Edge to Edge
• Resolution	300dpi
• Dual Sided Printing	Option (with Flipper)

CARD

• Card Feeding	Automatic
• Card Size	ISO CR80 (54mm x 86mm / 2.12" x 3.38")
• Card Thickness	0.38mm (15mil), 1.0mm (40mil)
• Card Type	PVC, PET, Composite PVC

PRINT SPEED

• Monochrome	5 sec./card (720 cards/hour)
• YMCKO	22 sec./card (164 cards/hour)
	Max. 18 sec./card (220 cards/hour)

CAPACITY

• Input Hopper	100 cards
• Output Hopper	40 cards

SYSTEM

• Memory	64MB RAM
• Display	2 Line LCD
• Control Panel	2 LED Buttons
• Supported Platforms	Microsoft Windows 2000/ 2003/ XP/ Vista/ 7/ 8/, Mac OS, Linux
• Communication	USB, Ethernet (Option)
• Power Supply	Free Voltage (AC100/ 200V, 50~60Hz)
• Power Consumption	48
• Temperature/Humidity	15~35℃ / 35~70%

DIMENSIONS

• Millimeter (WxLxH)	170 x 420 x 195
• Inch (WxLxH)	6.7 x 16.5 x 7.7

WEIGHT

• Kg/lbs	4.5 / 10

ENCODING OPTIONS

• Magnetic	ISO7811 (Track I, II, III Read/ Write, HiCo/ LoCo), JIS II
• Contact	ISO 7816 (ID-1)
• Contactless	MIFARE, ISO 14443 (Type A/ B), ISO 15693, DESFIRE, iCLASS

CERTIFICATIONS

CB CE FC K C UL LISTED

Consumables

COLOR RIBBONS

YMCKO	YMCFKO	HYMCKO
Full Color Ribbon with Resin Black & Overlay	Full Color Ribbon with UV Panel, Resin Black and Overlay	Half Panel Size Color Ribbon with Resin Black and Overlay
250 Cards/Roll	200 Cards/Roll	350 Cards/Roll

MONO RIBBONS

KO	K	W	B	R	MG	MS	SO
Black with Overlay	Black	White	Blue	Red	Metallic Gold	Metallic Sliver	Scratch-Off
600 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll

Specifications and availability may change without notice.

Part Numbers:

SMART-50S:	650793
SMART-50SN (Eth):	650792
SMART-50SM (Mag):	650800
SMART-50SMN (Eth/Mag)	650814
Contactless Enc. (USB):	650423
Contactless Enc. (Eth):	651065
Contact IC Enc.:	650421
YMCKO, 250/cards:	650634
Black Resin, 1200 cards:	650653

Add "K" to any printer part number for a kit (1 YMCKO Ribbon, 1 100pk Cards, & 1 Long Cleaning Card)

AlphaCard®

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